



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

November 15, 2005

Mr. Roy J. Schepens, Manager
Office of River Protection
United States Department of Energy
P.O. Box 450, MSIN: H6-60
Richland, Washington 99354-1670

Mr. Edward S. Aromi
President and General Manager
CH2M Hill Hanford Group, Inc.
P.O. Box 1500, MSIN: H6-08
Richland, Washington 99354-1670

Dear Mr. Schepens and Mr. Aromi:

Re: Letter from R. Schepens, Office of River Protection, to M. Wilson, Ecology, "Final Dangerous and Mixed Waste Research and Development and Demonstration Permit for Demonstration Bulk Vitrification Facility Required Submittal for the Waste Dryer System," 05-TPD-053, Dated May 26, 2005, and "Agreed to Revisions for Secondary Waste and Waste Dryer System Designs," 05-ED-085, Dated October 27, 2005

The Washington State Department of Ecology (Ecology) has completed its review of the Demonstration Bulk Vitrification System (DBVS) engineering design and supporting information for the Mixer Dryer System and the accompanying Independent Qualified Registered Professional Engineer certified report. The United States Department of Energy, Office of River Protection submitted these materials in accordance with its Dangerous Waste Research, Development, and Demonstration Facility Permit (RD&D) for the DBVS Permit WA 7890008967.

Based on the information submitted pursuant to Permit Conditions IV.A.8.b., IV.A.8.c., and IV.A.8.e., Ecology approves construction of the two mixer dryer condensate tanks and the associated ancillary equipment, subject to the implementation of Enclosure 1, Record of Comment Resolution. Ecology also approves construction of the Waste Dryer System pursuant

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to Permit Conditions V.I.2. and V.I.3., and the associated ancillary equipment subject to the implementation of Enclosure 1.

This approval does not constitute Ecology approval of information unrelated to the Waste Dryer System/condensate tanks or approval of operating procedures with respect to Permit Conditions II.A.5. and II.C.6.

A copy of the pages to be inserted into the DBVS Facility Permit WA 7890008967, including a revised List of Attachments to the Permit and instructions for posting these pages to the permit, are included as Enclosure 2 to this letter. These enclosed pages hereby become official parts of the RD&D Permit for the DBVS Facility and are to be inserted into the Permit.

If you have any questions regarding this action, please call Kathy Conaway at (509) 372-7890 or Suzanne Dahl at (509) 372-7892.

Sincerely,



Michael A. Wilson
Program Manager
Nuclear Waste Program

KAC:njr
Enclosures (2)

cc w/enc: Gil Ramin, USDOE
 Jim Rasmussen, USDOE
 John Guberski, CH2M
 Felix Miera, CH2M
 Administrative Record

cc:	Billie Mauss, USDOE	Ro Vinson, PAC
	Peter Brockman, CH2M	Stuart Harris, CTUIR
	Joel Eacker, CH2M	Gabriel Bohnee, NPT
	Dave Shuford, CH2M	Russell Jim, YN
	Moses Jaraysi, CH2M	Todd Martin, HAB
	Chris Kemp, CH2M	Ken Niles, ODOE
	John Van Beek, CH2M	CH2M Correspondence Control
		Environmental Portal

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cc/electronic:

Robbie Biyani, Ecology
Suzanne Dahl, Ecology
Nancy Uziemblo, Ecology

bcc: NWP Reader File

bcc/enc: Kathy Conaway, Ecology
NWP Central File: DBVS